

Amendments to the Abstract

Please amend the Abstract of the Disclosure as follows:

A motor control apparatus which can improve detection accuracy of control information and stabilize a control system includes a detector ~~(601)~~ for detecting first pulse information which corresponds to the drive speed of a driven object and second pulse information out of phase with the first pulse information; edge detectors ~~(604 to 607)~~ for detecting rising edges and falling edges of the detected first pulse information and second pulse information; edge interval measuring units ~~(608 to 611)~~ for measuring edge-to-edge periods using the detected rising edges and falling edges; a calibrator for calibrating the measured edge-to-edge periods with a reference period for driving the driven object ~~(615)~~ at constant speed; a corrector for correcting the first pulse information and second pulse information based on the calibration; and a controller ~~(613)~~ for generating control commands to drive the driven object based on the corrected first pulse information and second pulse information.